

## Product datasheet for **RN204097**

### Frk (NM\_024368) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Frk (NM_024368) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Frk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204097 representing NM\_024368  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGCAGCGTCTGTATGAGGCTTTGGGCATACCTTCAGCCTTTTCTCCCCTGCTGGTCCCAAGAAGCAG  
 ACAAATCAGTGGTGATTGAGAATCCAGGGCCTACTGTCCTCCAGAGCCAATCGAAGCCAAGGCCAGTA  
 TTTTGTGGCTCTGTTTGATTACGAAGCTCGTACTGCAGAGGACCTGAGCTTCCATGCCGGCGACAAGCTC  
 CAAGTCTTGACACTTCTCATGAGGGCTGGTGGTTGGCCAGACATTTGGAAAAGAAGGGACCCGGCTTAG  
 GTCAGCAGCTGCAGGGCTACATTCCTTCCAATTACGTGGCAGAGGACCGGAGTCTCCAGGCAGAACCCTG  
 GTTTTTCGGAGCAATCAAAGAGCAGATGCAGAAAAGCAACTTCTGTATTCAGAAAACCAGACGGGCGCC  
 TTTCTAATCAGAGAGAGTGAGAGCCAGAAGGGTGACTTCTCCCTCTCAGTTTTAGATGAAGGTGTTGTGA  
 AACACTACAGGATAAGAAGGTTGGATGAAGGTGGCTTCTTCTCACCAGGAGAAAACTTTTTCAACCTT  
 GAATGAATTTGTGAAGTACTACACCACAACAAGTGATGGGCTGTGTGCAAGCTGGAGAAGCCATGCTTA  
 AAGATTCAGGTACCGACCCCTTTTGATTTGTCATATAAACTGTGGACCAGTGGGAGATAGACCCGCAACT  
 CCATACAGCTTCTCAAGCGACTGGGATCTGGTCAAGTTGGAGAAGTTGGGAAGGTCTGTGGAATAATAC  
 CACTCCAGTGGCTGTGAAAACGTTAAAACAGGTTCAATGGATCCAAATGACTTCTCAGGGAGGCACAG  
 ATAATGAAGAGCCTAAGACACCCCAAGCTCATCCAGCTCTATGCTGTTTGACATTAGAAGATCCAATTT  
 ATATTATTACAGAATTGATGAGACATGGAAGTCTGCAAGAATATCTCCAAAATGATGGTGGGTCGAAAAT  
 CCGTTTGACTCAACAGGTGGACATGGCTGCACAGGTAGCTTCTGGAATGGCCTATTTGGAGTCCCAGAAC  
 TATATCCACAGAGATCTGGCTGCAAGAAATGTCCTTGTGGTGAACATAATATCTATAAAGTAGCAGATT  
 TTGGACTTGCAAGAGTTTTTAAGGTGGATAATGAAGACATCTATGAATCTAAACACGAAAATAAAGCTGCC  
 AGTGAAGTGGACTGCACCCGAAGCCATTGTAATAAATTCAGCATTAAAGTCTGATGTGTGGTCTTTT  
 GGAATCTGCTCTATGAAATCATTACTTATGGCAAAATGCCTTACAGCGGATGACAGGTGCTCAAGTAA  
 TTCATATGTTGGGTCAAACACTACAGACTACCACAGCCATCTAACTGTCCAGAGCAATTCTATAGCATCAT  
 GATGGAATGCTGGAATGTAGAGCCCAAGCAACGACCAACGTTTCGAGACCCTGCAGTGGAACTTGAAGAC  
 TACTTTGAACCAGACTCTTCTATTCTGATACAAACAACCTCATAAACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_024368
- Insert Size:** 1521 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_024368.1](#), [NP\\_077344.1](#)

**RefSeq Size:** 4590 bp

**RefSeq ORF:** 1521 bp

**Locus ID:** 79209

**UniProt ID:** [Q62662](#)

**Cytogenetics:** 20q12

**Gene Summary:** plays a role in the growth/differentiation of gut columnar epithelial cells [RGD, Feb 2006]